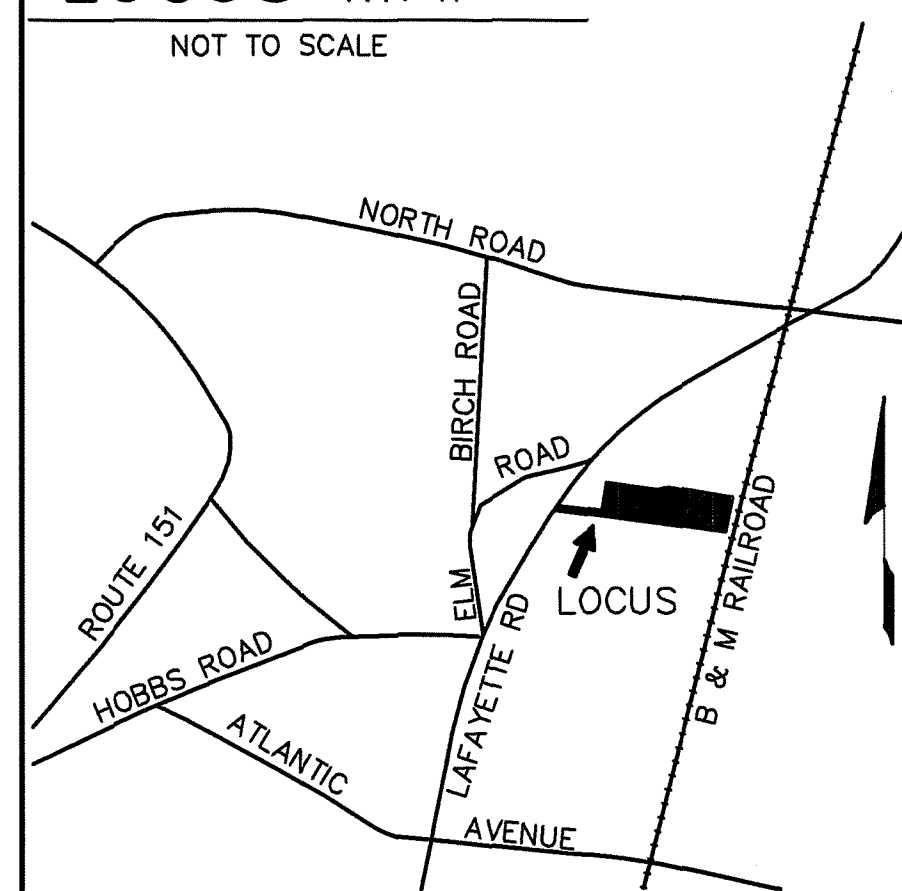


LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = APPROVED DESIGN

#1 RIM ELEVATION EXIS MANHOLE EL 92.19

#2 TOP OF 3" CONDUIT @ BLDG ELEV 85.59

#3 TOP OF FOUND IRON PIN ELEV 91.43

DESIGN INTENT:

- THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 87.5
- THERE IS/ARE APPROX 36' FT BELOW EXISTING GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. EL 90.5

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

- 50' EXISTING CONTOUR
- 50.0 PROPOSED CONTOUR
- 50.0 EXISTING SPOT ELEVATION
- 50.0 PROPOSED SPOT ELEVATION

NOTES:

- THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN D25973
- NHDES-W&PCD SUBDIVISION APPROVAL NUMBER: SA1997000275
- PREVIOUS CONSTRUCTION APPROVAL # CA1997004441 AND CA2009098266
- NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.
- ALL SUBSURFACE UTILITY LOCATIONS ARE BASED ON ASSUMPTIONS AND MARKINGS BY OTHERS - MUST BE FIELD VERIFIED AT TIME OF EXCAVATION.

N/F SMITH

N/F LUCK

N/F TURCHAN

6.3 ACRES WETLAND WITH UPLAND INCLUSIONS

TOTAL AREA: 10.24 ACRES±

RCRD PLAN D25973

SCALE: 1"=200'±

PLOT PLAN

393±

B & M RAILROAD

166±

168±

402±

404±

406±

408±

410±

412±

414±

416±

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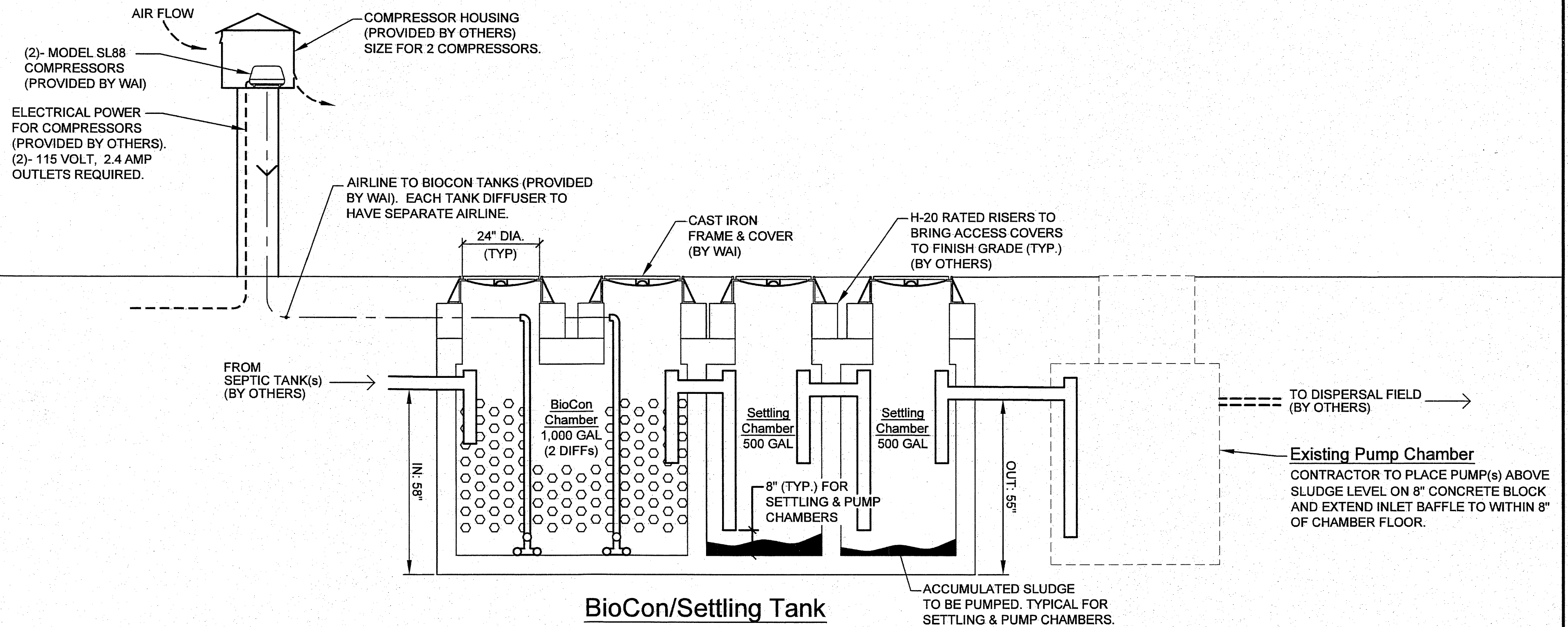
908±

910±

912±

914±

916±



BioCon/Settling Tank

- Provided by WAI -
2,000 GAL 3-COMPARTMENT
H-20 RATED
(14'0"L x 6'6"W x 6'2"H)

WASTEWATER ALTERNATIVES INC. DESIGN NOTES

- SUBSURFACE DISPOSAL SYSTEM IS BASED ON THE CLEAN SOLUTION™ MANUFACTURED BY WASTEWATER ALTERNATIVES, INC. CANTERBURY, NH.
- THE CLEAN SOLUTION SYSTEM™ IS SUPPLIED BY WASTEWATER ALTERNATIVES, INC. (WAI), 1-866-900-2415.
- THIS SUBSURFACE DISPOSAL SYSTEM HAS BEEN DESIGNED UNDER NHDES ENV-WB 1024 INNOVATIVE / ALTERNATIVE TECHNOLOGY RULES APPROVED AT THE TIME OF THIS DESIGN.
- THE MINIMUM SIZE DISPERSAL FIELD FOR THIS SYSTEM IS 500 SQUARE FEET. RECOMMENDED FIELD DIMENSION RATIO OF 4L TO 1W. DISPERSAL AREA IS ACTUAL FOOTPRINT WITHIN 5 FOOT FILL EXTENSIONS.
- THE CLEAN SOLUTION PROVIDED BY WAI TO INCLUDE:
 - BIOCON / SETTLING TANK (FOR TOTAL OF 1 TANK) WITH (4)- 24" DIA CI MANHOLE FRAMES AND COVERS.
 - AIR COMPRESSORS.
 - MEDIA.
 - WAI AND THEIR REPRESENTATIVES SHALL PERFORM ALL INTERNAL PIPING IN THE BIOCON TANK AND SYSTEM STARTUP.
- INSTALLER SHALL FOLLOW THE CURRENT EDITION OF THE MANUFACTURERS GUIDELINES TO PREPARE SITE FOR INSTALLATION OF THE CLEAN SOLUTION SYSTEM AND SHALL PROVIDE THE FOLLOWING:
 - CONTRACTOR SHALL FOLLOW APPROVED DESIGN PLANS AND NHDES SUBSURFACE SYSTEM RULES.
 - CONTRACTOR TO SUPPLY NECESSARY SEPTIC TANKS, GREASE TRAPS, AND PUMP STATIONS AS REQUIRED BY DESIGNER.
 - EXCAVATION OF ALL TANKS INCLUDING TANKS SUPPLIED BY WAI TO GRADES ESTABLISHED BY DESIGNER.
 - SETTING AND LEVELING OF ALL TANKS INCLUDING TANKS SUPPLIED BY WAI.
 - SERVICE CONNECTIONS FROM BUILDING TO TANKS, INCLUDING TANK TO TANK CONNECTIONS AND

- CONNECTION TO DISPERSAL FIELD(S).
 - CONTRACTOR SHALL EXCAVATE FOR ALL AIR CONDUIT LINES FROM COMPRESSOR HOUSING TO WAI TREATMENT TANKS.
 - CONTRACTOR TO WATER PLUG ALL TANK PENETRATIONS TO PREVENT GROUNDWATER LEAKS.
 - CONTRACTOR TO WATER PLUG ALL INLET AND OUTLETS NOT USED.
 - CONTRACTOR SHALL SET ALL RISERS TO GRADES ESTABLISHED BY DESIGNER. CONTRACTOR TO INSTALL ACCESS STACKS PER THE MANUFACTURERS INSTALLATION GUIDELINES. CONTRACTOR TO ENSURE THAT RUBBER GASKET O-RING IS IN PLACE PRIOR TO SECURING SECTIONS.
 - CONTRACTOR TO BUILD / MODIFY DISPERSAL FIELD AS REQUIRED BY DESIGNER.
 - CONTRACTOR SHALL CALL NHDES AND LOCAL BOARD (IF REQUIRED) FOR SYSTEM INSPECTION.
 - CONTRACTOR TO PROVIDE OWNER WITH TIES FROM TWO FIXED POINTS TO ACCESS COVERS.
 - CONTRACTOR SHALL BACKFILL SYSTEM AFTER APPROVAL FOR OPERATION BY NHDES.
- THE OWNER/CONTRACTOR SHALL PROVIDE THE FOLLOWING:
 - OWNER/CONTRACTOR SHALL SUPPLY NECESSARY OUTLETS CAPABLE OF 2.4 AMP - 115 VOLTS FOR EACH COMPRESSORS. THE CIRCUIT PROVIDED SHALL NOT BE GFI PROTECTED.
 - COMPRESSOR HOUSING TO BE SUPPLIED BY OWNER / CONTRACTOR.
 - OWNER/CONTRACTOR TO SUPPLY H-20 RATED ACCESS RISERS TO FINISH GRADE.
 - COMPRESSOR(S) LOCATION TO BE MUTUALLY DETERMINED BY OWNER / REPRESENTATIVE AND WAI.
 - MAXIMUM DISTANCE FROM COMPRESSOR(S) TO WAI TANKS IS 50'. FOR DISTANCES GREATER THAN 50' CONTACT WAI.
- REQUIRED MAINTENANCE BY OWNER:
 - SIGN SYSTEM INSPECTION CONTRACT FOR THE CLEAN SOLUTION SYSTEM. INSPECTION CONTRACT IS PROVIDED BY WAI.
 - SEE INSPECTION CONTRACT FOR REQUIRED MAINTENANCE SCHEDULE.

Model C-SAN1500 CLEAN SOLUTION

DANIELLE LUCAS BUSINESS PARK N. HAMPTON, NH

Prepared For:
Lucas Holding Co., LLC
c/o Dave Kohlhasse
121 Lafayette Road
N. Hampton, NH 03862

Sheet 1 of 1

Scale: N.T.S

Date: 01/23/2009



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THE CLEAN SOLUTION™

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www.thecleansolution.com

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